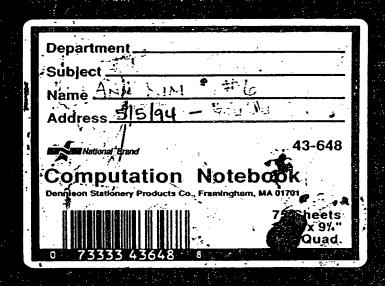
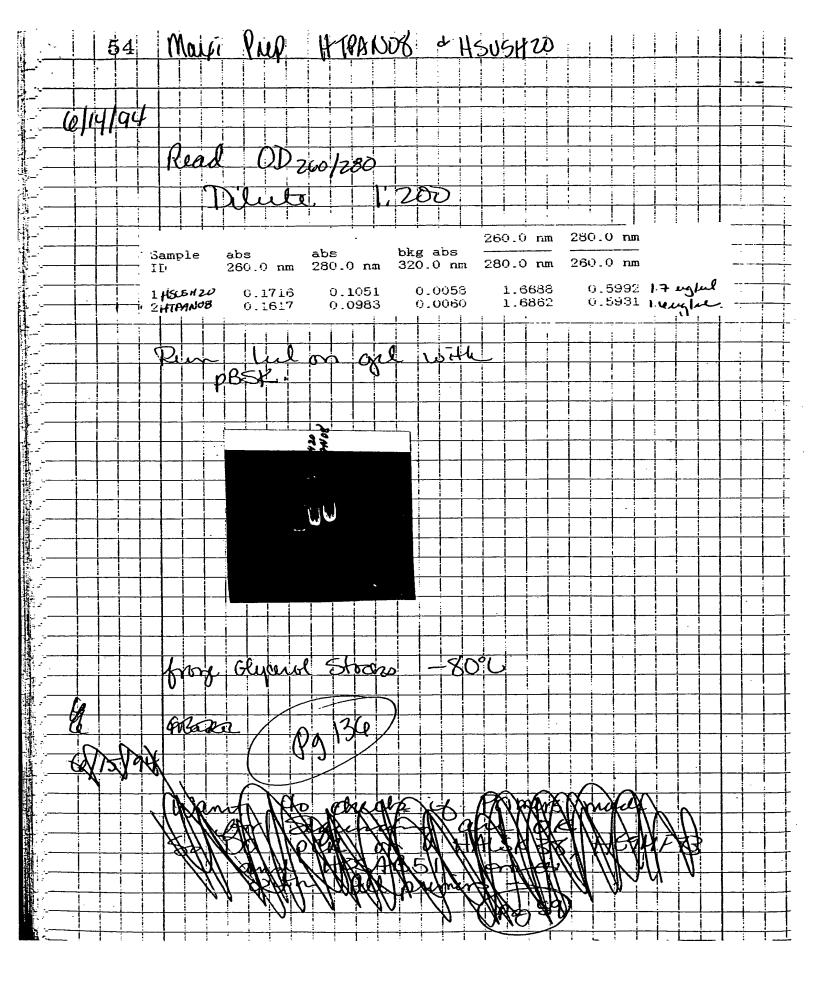


Ruben EXHIBIT #89



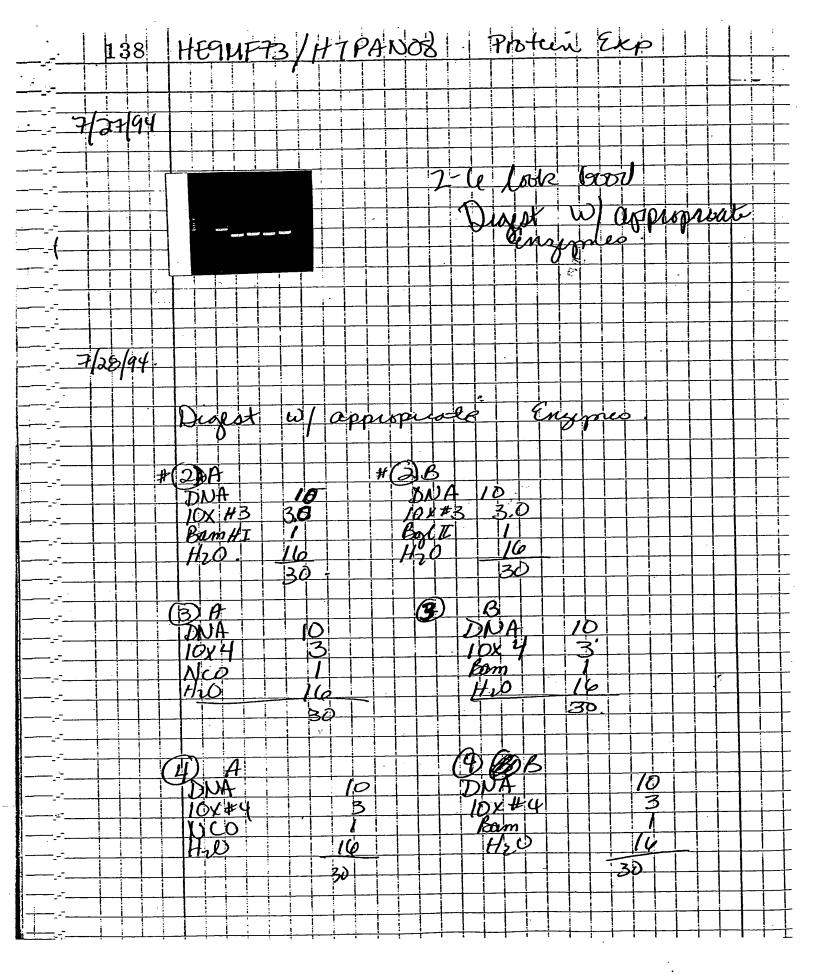
Ruben EXHIBIT 2089 Ruben v. Wiley et al. Interference No. 105,077 RX 2089 HEISTROOTHTPANOS Ly Scale Prep 6/13/94 B+Amp. HSUSH 20 HTPANO overnight 6/14/94 may Prep. PI+RNase 10ml 5 m Bod Carles OBI Etwans 4100

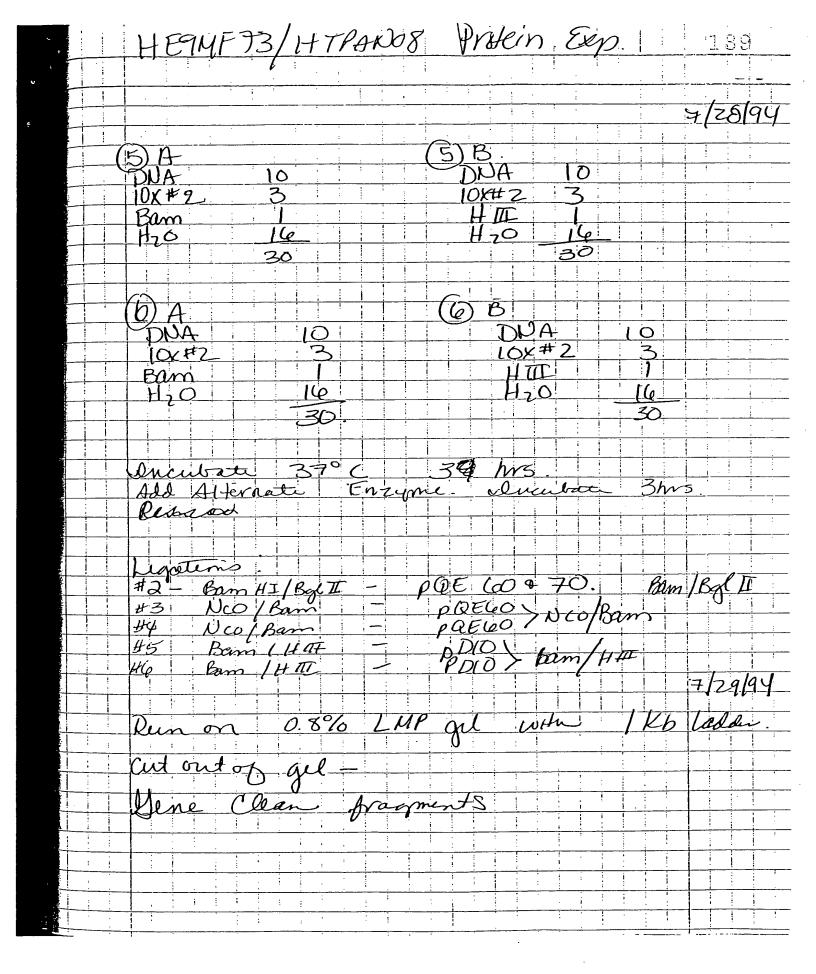


128 HEZOJYZ/HSUSHZO 2º Screen	
- 120 HOWSTOMISSION - WOOD	
- 7/20/94	
Uncubat 3 ms at 37°C	<u> </u>
Hest 70°C 20 ms.	<u>:</u>
- Use Sul to transform 200 SOR	_ <u></u>
- Plate 50ml	:
- 7/21/94	
Plates Look Very dense	
Do PCR on Rescue	
HED HEZ	
HEVERTZOFPOU 0.15 HEROTYZFPO3 0.15 0.15 MIBR 0.15	1 : :
3.2 LOXONTP 3.2	
32 LOXPCR 3,2 23.1 H20 23.1	
0.2 Jag 0.2 2 Resent 2	
32	
POK Program#69.	
D Controls	1
- 95C-5min plasmid and	Æ,
455°C 20sec 30x	
- 7292 (min) - 72°C 75 min.	
40(,	
Rua Well on Gel w. In & Controle	<u> </u>
and the Cade	
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7/2,194	

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7/26/94				1 1		!	!	- :		<u>. </u>	 :	<u>-</u>		1
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-	250	19/2	$\mathcal{H}_{\mathcal{L}}$	9M	E7	3	∞	<i>}</i> 9	<u> </u>	05_		OF &	<u> </u>	<u> </u>
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	4 5	NCO	Start	- 251	1.1			2	793	5'Nco	Sta	14	185	1
- 224	113	Bam	HI S	op:		1 1			124	113' Bar			- - : : ::::::::::::::::::::::::::::	
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		·			7/26/9
Control -	No DNA		MBFa		
,		purfece	11131 4	K	
PCR Program	# 09 58				
95°C 5 m	sec 7			: .	<u> </u>
55°C 60	SC BOOK	30X	<u> </u>	: ·	
72°C 100	m J 5 min				
Run 5 ml on	gel.	<u> </u>			<u> </u>
				<u>: </u>	
	652			1	
	نین سب سبت				
and Are		1			
					
Ald Equal Va	olevne 13	810 PEG	164	Nac	<u> </u>
-20°C 0/N	•				
					7/27
Spin 15m					
1 x 70% Wa	Sh	•			
Resusped	in Soul	H20.			
	el En	cal.			



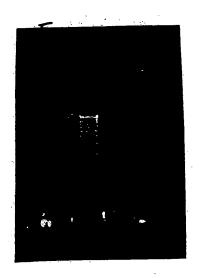


140 prolèm Express. milh w/ occasional mixing

Drollin Express.

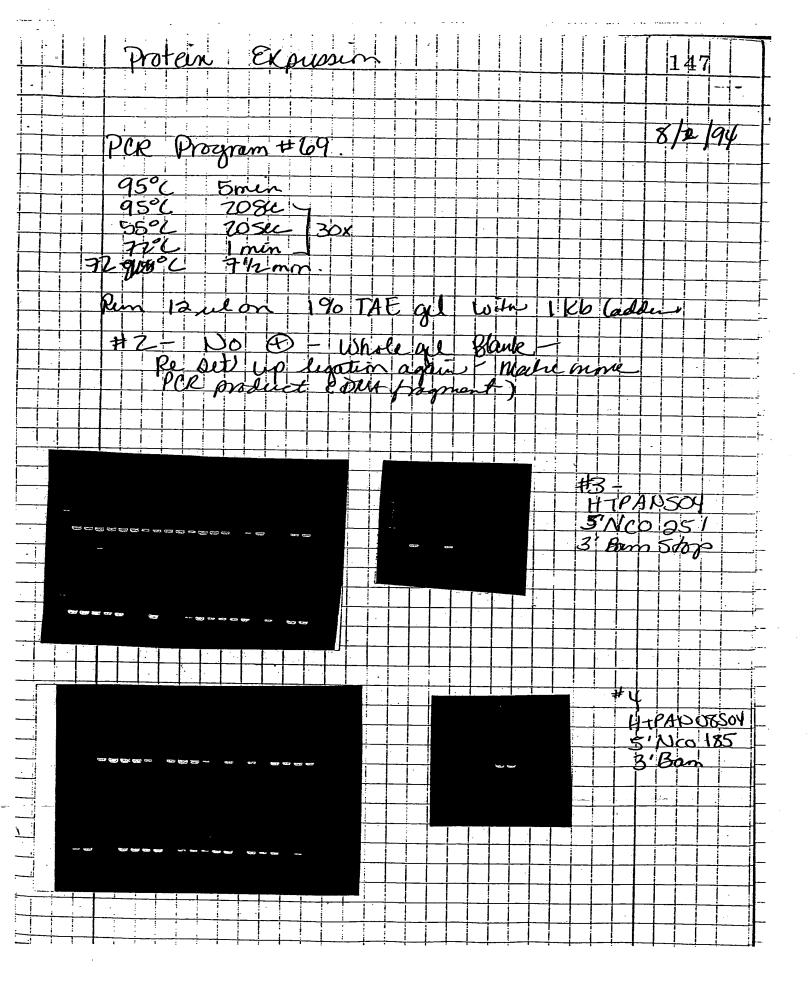
7/29/94





Heat 55°C 5min
Muy well
Add 5il of Glass milh
Let sit RT Amin w/ Ollasional muring
Spin 55cc
Remove Supernaturt
Resuspend in 500 ul Wash Buffin
34 Spin 55cc
Remove Supernaturt
Spin 55cc
Flant 55cc
Transfer Supernaturt to free fulce
Store -20°C to do legations

146	Protein ?	xousin		
•				
8/1/94				
			100	
	Transform	$\sim m13$	rele !!!	
_	Will of	egation	nck	
	Test of U	say for p	BSK	
	145 00 11	77/1		
-	Use m15	Chemics	elly Competer	tcells
	DNA or le	gation +	100 ul Ce	els
	Uncerbate	on ice	1 hr.	
	Heat 40	4500	5 SC-	
	Put on	cce 1		
	Add 40	370	160	
	Marione	370	1 N7	
	Plate 1	00,000	to 18+B	not tan
	plate	Doul on		9
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212194				
- 8 /2/94				
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F	pick. 12 96 We	Colonus	1 Bt Dms + Kan	
4-		a com	LUI WING TO	
	nuck 24	Colmies	no 9-12 cm	ito
	9/1/12	Colonies el dish	RB+ Amp +K	to
	103.3	xx)	(30x)	(50x)
<u></u>	PCR #210		# 3(90/0)	#4 (9/14/2)
·	# 2245	0.4	42244 04	7243 0.4
<i>«</i> ————————————————————————————————————	# 2242	0.4	9 2241 0.4	2241 0.4
	10x du it	3,0	3.0	3.0 20
v. 	10x TUR	3.0 0.2-	0.2	30
	LID	123	23	12
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		30ul		- Pu
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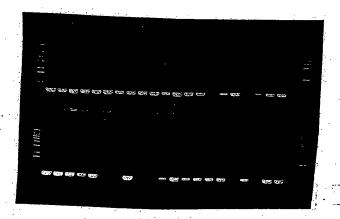
8/2/94

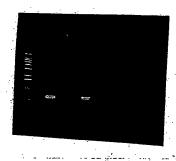
PCR Program #69.

95°C 5min 95°C 208C 7 55°C 208C 30x 71°C 1min J 7290°C 71/2mm

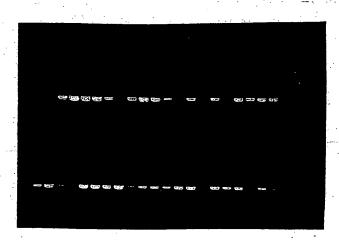
Run 12 ulon 190 TAE gel with 1 Kb Cadden

Z- NO D- Whole get Blank-Re Det up lightim again Madre more PCR product COMA fragment)





#3-HTPANSON 5'NCO 251 3' Bom 5top





#Y HTPANOOSSON 5'Nco 185 3'Ban

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8h 94					_	<u> </u>	! : :
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	Uncula Ento Oncabeta				· · · · · ·		
	Doncabete	370	O/N		_		
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8/3/94							
2/11	++++						
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	Jan J	min de la	**				
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	with	Kgenga	mari	ce ;	, , ,	1 0 400	
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HTPANSOY	5'NCO 251 Start	39 Bam Stop.	
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 			<u> </u>
HTVANUSSO	4 5 NCO 181 Sto	int Brain	top
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			-
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